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## Product Datasheet

### 5-Azacytidine, CAS [[320-67-2]] FBM-10-1267

Article Name	5-Azacytidine, CAS [[320-67-2]]
Biozol Catalog Number	FBM-10-1267
Supplier Catalog Number	10-1267
Alternative Catalog Number	FBM-10-1267-50MG, FBM-10-1267-250MG, FBM-10-1267-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	DNA hypomethylation agent...
Molecular Weight	244.21
Purity	98% by TLC, NMR (conforms)
Form	White solid
CAS Number	[320-67-2]
Formula	C8H12N4O5
Application Notes	Specific inhibitor of DNA methyltransferase1. Incorporates into DNA and covalently reacts with and inhibits DNA methyltransferases. Induces demethylation and reactivation of silenced genes2. Increases stem cell reprogramming efficiency3. Induces cardiac differentiation of human mesenchymal stem cells by activating ERK4. Induces apoptosis in multiple myeloma cells via ATR-mediated DNA double strand breaks5. Cell permeable.